



MSFT-0987/191794.1

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Amended
6/19/03
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
David C. Tannenbaum

Serial No.: 09/348,885

Group Art Unit: 2671

Filed: July 1, 1999

Examiner: P. K. Nguyen

For: **DUAL MODE DEVICE AND METHOD FOR GENERATING VECTOR
CROSS PRODUCTS OR DOT PRODUCTS**

EXPRESS MAIL LABEL NO: EV251283235US
DATE OF DEPOSIT: June 11, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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JUN 16 2003

Technology Center 2600

AMENDMENT

This is in response to the Office Action dated January 29, 2003.
Reconsideration of the Office Action is respectfully requested in view of the
following amendments and remarks.

Please amend the application as follows.

IN THE CLAIMS:

Please amend claims 1, 11, and 18 as follows.

1. (Once Amended) A dual mode device for generating a cross product or a dot product from a first vector and a second vector, the first vector having a first set of components and the second vector having a second set of components, the device comprising:

a dual mode controller receiving the first and second vectors, the dual mode controller being configured to select vector components for evaluating a cross product component or a dot product in response to a first signal, the first signal indicating whether to generate a cross product component or a dot product; and